

Abstract Of The Disclosure

Described is an ignition coil for a gasoline engine having a coil core in which a primary magnetic field is inducible via a current-carrying, essentially coil-shaped primary winding. The ignition coil has an essentially coil-shaped secondary winding, in which an energy field, 5 which controls at least one spark plug, is able to be built up due to the primary magnetic field. A premagnetization device for forming a premagnetization field opposite the primary magnetic field is effective at the coil core. The premagnetization device has a current-carrying, essentially coil-shaped premagnetization winding.